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BIRCH STEWART KOLASCH & BIRCH			YOON, TAE H	
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Please find below and/or attached an Office communication concerning this application or proceeding.

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A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Ederateriors of time may be available under the previouse of 37 CPR 1.30(a). In the event, however, may a reply be timely filled If the period for reply specified above is least shart thirty (30) days, a reply within the statulery minimum of thirty (30) days, a reply within the statulery minimum of thirty (30) days, a reply within the statulery minimum of thirty (30) days, a reply within the statulery minimum of thirty (30) days, a reply within the statulery minimum of thirty (30) days, a reply within the statulery minimum of thirty (30) days, a reply within the statulery minimum of thirty (30) days, a reply within the statulery minimum of thirty (30) days, a reply within the statulery minimum of thirty (30) days will be considered timely. If the period for reply specified above is least shart thirty (30) days, a reply within the statulery minimum of thirty (30) days will be considered timely. If the period for reply specified above is least shart thirty (30) days, a reply within the statulery minimum of the day (30) days will be considered timely. If the period for reply specified above is least shart thirty (30) days, a reply within the statulery minimum of the day (30) days will be considered timely. If the period for reply specified above is least shart thirty (30) days will be considered timely. If the period for reply specified above is least shart thirty (30) days will be considered timely. If the period for reply specified above is least shart thirty (30) days will be considered timely. If the period for reply specified above is least shart thirty (30) days will be considered timely. If the period for specified above is least shart thirty (30) days will be considered timely. If the period is specified above is least shart thirty (30) days will be considered timely. If the period is specified above is least shart thirty (30) days will be considered timely. If the period is specifie	•	Application No.	Applicant(s)				
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The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Eathermore there may be evaluate used the provision of 37 CPR 1.13(d). In no event, however, may a reply be timely filed by the period for reply specified above is less when thirty (30) days, a reply white in the studiety replication for reply is pecified above is less when thirty (30) days, a reply white the studiety of reply is pecified above is less when thirty (30) days, a reply white the studiety of reply is pecified above is less when thirty (30) days, a reply white the studiety of reply is pecified above, in the mainting date of this communication, even the supplication to become ASHADONED (35 V3.5. § 133). If the period for reply specified above is less when the realized period will be subjected with the communication, even through filed may review a reply white the set of communication (5) filed on 28 December 2001. Provided the period of the period of the communication, even through filed may review any sound and the period of the communication, even through filed may review any sound and the period of the communication, even through filed may review any sound and the period of the communication of the communication. 1) □ Responsive to communication (5) filed on 28 December 2001. 2a) □ This action is FINAL. 2b) □ This action is FINAL. 2b) □ This action is filed on 15 in a condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4b) □ Claim(s) 1.10 is/are pending in the application. 4a) □ Of the above claim(s) is/are withdrawn from consideration. 5c) □ Claim(s) 1.10 is/are pending in the application. 4b) □ Claim(s) 1.10 is/are objected to by the Examiner. 4c) □ Claim(s) 1.10 is/are objected to the studence of the communi	Office Action Summary	Examiner	Art Unit				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of times may be available under the provisions of 37 CFR 1.35(a), in an avent, however, may a reply be timply field Extensions of times may be available under the provisions of 37 CFR 1.35(b), in an avent, however, may a reply be timply field Extensions of times may be available under the provisions of 37 CFR 1.35(b), in an avent, however, may a reply be timply field Extensions of times may be available under the provisions of 37 CFR 1.35(b), in an avent, however, may a reply be timply field If the period for reply is apecified above, the maximum statutory priorid will apply and will expire SIX (6) MONTHS from the mailing date of this communication of thing (30 days will be considered time). Failine to imply within the soft or activated part of the maximum statutory priorid will apply and will expire SIX (6) MONTHS from the mailing date of this communication, even if timely field, may reduce any available time adjustment. See 37 CFR 1.74(b). Status 1) MR Responsive to communication(s) filled on 28 December 2001. 2a) This action is FINAL. 2b) MR This action is FINAL. 2c) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4b) Claim(s) 1-10 Is/are rejected. 7c) Claim(s) 1-10 Is/are rejected. 7c) Claim(s) 1-10 Is/are rejected. 7c) Claim(s) 1-10 Is/are rejected to. 8c) Claim(s							
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2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-10 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1-10 is/are rejected. 7) Claim(s) 1-10 is/are rejected. 7) Claim(s) 1-10 is/are rejected. 7) Claim(s) 1-10 is/are rejected. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. §§ 119 and 120 12 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * ○ None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in Application Tone. 3. See the attached detailed Office action for a list of the certified copies not received. 13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78. 3) The translation of the foreign language provisional application has been received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence	 THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). 						
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-10 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) is/are objected to. 8) Claim(s) is/are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. §§ 119 and 120 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received. 13. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 19(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78. 3) The translation of the foreign language provisional application has been received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 19(e) (to a provisional application) reference was included in the first sentence of the specification or in an Applicatio	1) Responsive to communication(s) filed on 28 De	<u>ecember 2001</u> .					
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Application/Control Number: 10/019,232

Art Unit: 1714

Correction of typo is needed in the specification. For example "e" is missing from words in each line 1 of pages 5, 18 and 19 and "f" should be "of" in the second line from the bottom of page 17. Also, the last line of page 17 does not make sense.

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-10 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Applicant failed to describe adequately how the recited meq in terms of hydrochloric acid is related to the amount of acid monomer(s) for a copolymer, and thus undue experimentation is needed. For example, Comparative Ex .3 shows a coplymer of 25 % acrylonitrile, 60 % of 1,3-butadiene, 5% of methacrylic acid and 10 % of acrylic acid which falls within the claimed monomeric composition for a copolymer, but it does not yield the recited meq., and Example 2 using 15 % of methacrylic acid yields the recited meq.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

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A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

The examiner's position is that any copolymer comprising monomeric components recited in the claim would have the recited meq. and chemical stability index values inherently.

Claims 1-4and 8-10 are rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Ozawa et al (US 5,369,166).

Ozawa et al teach the instant latex copolymer and its use in making a thin glove by a dip forming in table 1 wherein the use of 2.5 to 14.0 % of methacrylic acid is seen. Said latex copolymer falls within the scope of the instant claim. Thus, the instant invention lacks novelty.

Claims 1-10 are rejected under 35 U.S.C. 103(a) as obvious over Ozawa et al (US 5,369,166) and Branlard et al (US 3,984,609)

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The instant invention further recites a phenolic antioxidant over Ozawa et al who teach employing antioxidants at col. 5, line 45. Branlard et al teach rubbery latexes and employing phenolic antioxidants such as 2,5'-di-t-amylhydroquinone at col. 3, lines 33-42.

It would have been obvious to one skilled in the art at the time of invention to utilize phenolic antioxidants of Branlard et al in Ozawa et al since Ozawa et al teach employing antioxidants and since the use of phenolic antioxidants with rubbery latexes is a routine practice as taught by Branlard et al.

Claims 1-4 and 9 are rejected under 35 U.S.C. 102(b) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Kuan et al (US 4,436,857).

Kuan et al teach the instant latex copolymer and its use as a dip forming in examples and at col. 15, line 62 to col. 16, line 11 wherein the use of about 2-5% of carboxylic acids is seen. Said latex copolymer falls within the scope of the instant claim. Thus, the instant invention lacks novelty.

Claims 1-9 are rejected under 35 U.S.C. 103(a) as obvious over Kuan et al (US 4,436,857) and Branlard et al (US 3,984,609)

The instant invention further recites a phenolic antioxidant over Kuan et al who teach employing antioxidants at col. 6, line 19. Branlard et al teach rubbery latexes and employing phenolic antioxidants such as 2,5'-di-t-amylhydroquinone at col. 3, lines 33-42.

Art Unit: 1714

It would have been obvious to one skilled in the art at the time of invention to utilize phenolic antioxidants of Branlard et al in Kuan et al since Kuan et al teach employing antioxidants and since the use of phenolic antioxidants with rubbery latexes is a routine practice as taught by Branlard et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tae H Yoon whose telephone number is (571) 272-1128. The examiner can normally be reached on Mon-Thu.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on (571) 272-1119. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.

Tae H Yoon

Primary Examiner

Art Unit 1714

THY/January 23, 2004